

CLAIMS

1. A portable terminal apparatus, comprising:
 - a network access unit that accesses a site on a network so as to
 - 5 acquire data;
 - a data storage unit that stores the acquired data thereinto;
 - an accessing process sequence setting unit capable of arbitrarily setting an access setting condition relating to the access operation to the site on the network in response to an instruction of a user, the access setting
 - 10 condition containing an access destination, a time instant, and a processing sequence;
 - an accessing process sequence storage unit that stores a series of processing sequences based upon the set access setting condition; and
 - an accessing process executing unit that executes a predetermined
 - 15 processing sequence to perform an accessing process operation to the set site in accordance with the access setting condition when the present time is reached to a preset time instant.
2. The portable terminal apparatus as set forth in claim 1 wherein:
 - 20 the accessing process sequence setting unit sets a processing sequence in at least one of an access starting process sequence for starting an access operation to the set site at the preset time instant, a data acquiring process sequence for acquiring data from the accessed site, and a data storing process sequence for storing the acquired data into the data storage unit.
 - 25
3. The portable terminal apparatus as set forth in claim 2 wherein:

the accessing process sequence setting unit sets a process sequence during out of service area in the case that the own apparatus is located outside the service area where communications can be performed when an access operation to the set site is commenced in the access starting process sequence.

4. The portable terminal apparatus as set forth in claim 2 wherein:
the accessing process sequence setting unit sets a process sequence during another task initiation in the case that the own apparatus is under use since the own apparatus executes another task, when an access operation to the set site is commenced in the access starting process sequence.

5. The portable terminal apparatus as set forth in claim 2 wherein:
the accessing process sequence setting unit sets a process sequence during site access failure in the case that the accessing operation is failed when the set site is accessed in the data acquiring process sequence.

6. The portable terminal apparatus as set forth in claim 2 wherein:
the accessing process sequence setting unit sets a process sequence during interruption in the case that the own apparatus accepts an interrupt request when data is acquired from the set site in the data acquiring process sequence.

7. The portable terminal apparatus as set forth in claim 2 wherein:
the accessing process sequence setting unit sets a process sequence during data acquisition failure in the case that the own apparatus fails to

acquire the data when data is acquired from the set site in the data acquiring process sequence.

8. The portable terminal apparatus as set forth in claim 2 wherein:

5 the accessing process sequence setting unit sets a process sequence during storage memory shortage in the case that a storage capacity of the data storage unit becomes short when the acquired data is stored in the data storing process sequence.

10 9. The portable terminal apparatus as set forth in claim 1 further comprising a retrieving unit that retrieves the acquired data stored in the data storage unit.

10. The portable terminal apparatus as set forth in claim 1 wherein:
15 the accessing process sequence setting unit is capable of setting a transfer destination to which the acquired data is transferred; and
the portable terminal apparatus further comprises a data transferring unit that transfers the acquired data to the set transfer destination.